

IXC-CLFO-LN-2-PM

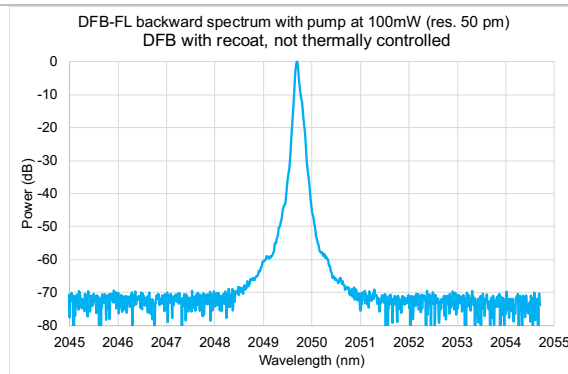
Single frequency DFB laser sub-assembly, with PM fiber access

TECHNICAL SPECIFICATIONS

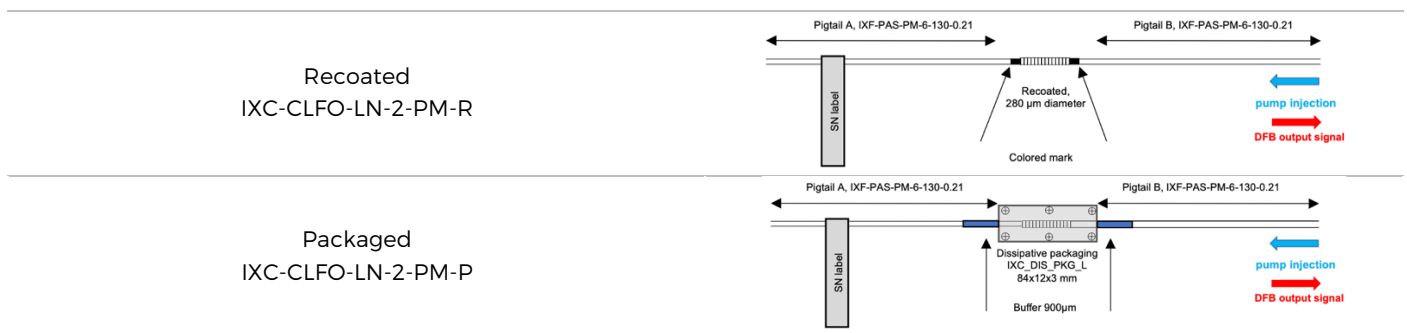
Parameters (at 100 mW pump power, backward configuration)

iXblue part number	IXC-CLFO-LN-2-PM
Signal wavelength (ref. to vacuum, fast axis)	1906; 2038; 2050 (other upon request) at 23°C
Wavelength accuracy	+/- 1 nm
Pump wavelength	1560 nm
Laser threshold	< 10 mW
Laser power	> 0.5 mW
PER (linear polarization)	> 20 dB
Linewidth	< 10 kHz, typical
Signal to Noise Ratio	> 60 dB (res. 50 pm)
Pigtail fiber and length	IXF-PAS-PM-6-130-0.21, 1 m

DFB-FL Optical Spectrum (example)



CLFO configuration



Ordering guide

IXC-CLFO-LN-2-PM-R-XXXX in the case of recoated fiber laser

XXXX: wavelength 1906; 2038; 2050

IXC-CLFO-LN-2-PM-P-XXXX in the case of packaged fiber laser

XXXX: wavelength 1906; 2038; 2050

Comments:

Specifications are subject to change without notice

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